LX8100

Product Overview

Adopting new inorganic panel of high reliability, LX8000 series with high brightness up to 7500 lumens (ISO) and 1500:1 contrast ratioare are able to be applied in digital cinemas, conferences, meeting rooms and large-screen wall splicing, even in bright lieus for digital advertisement display. Multiple connectivities allow display of different signal sources from devices such as PC, the camcorder and the Bluetooth. Even in ambient of no lessened lighting, sharp clear images can still be presented by LX8000 through its hight brightness and contrast ratio, which enables audiences to read books or take notes in the eye compatible lighting environment. Only through PC, the presenter can easily operate the projector, which suits large screen display's demand. Higher brightness and larger images can be achieved through stacked projection of two or more units. Operations of turn off, brightness adjustment and source signal search etc. are conveniently processed through designated PC within the network. With all these merits can LX8000 be widely applied in digital cinemas, large screen wall splicing and advertisement display.

Features:

1、ACTO "Crystal Color" image processing technology makes it sharper and clearer

This unique technology owned by ACTO helps to increase bightness and hue of primary colors and meditints by improving gray scale and detail effects. With 10 bit Gamma correction, the contrast ratio and purity are greatly elevated. A more real and colorful image is presented bringing enjoyment of theater visual effects to the audiences.

2、Newly adopted USHIO 330W lamp brings super effects of high brightness and contrast rato along with extended lamp life (6000H under eco mode)

3、Aeolus cooling system

The cooling efficiency is greatly elevated by 50%, which helps to extend the projector life.

4、High altitude mode

6 fans are installed for the heat generating DMD and lamp to ensure stable operation especially in high altitude areas above 3000 meters and southern areas of high humidity and temperature.

5、High contrast ratio—1500:1

High contrast ratio brings super visual effects of sharpness and high definition.

6、Input Compatible with Full HD input

HDMI,best choice for film display, is incorporated for tansmission of uncompressed audio and vedio signals.

7、New design of lamp shield prevents explosion shatters

The shield holds the lamp by 3 sides preventing internal damage braught by lamp explosion as well as physical injury to people nearby. In addition, the lamp life is greatly extended as the metal shield helps to cool down the

lamp.

8、Customized startup logo

Users can select pictures they like or the enterprise's logo as startup screen.

9、Four auto functions

Auto reverse: with the projector suspending from the ceiling, the image will reverse automatically.
Auto turn off: with input source undetected for a certain period, the projector turns off automatically.
Auto synchronization: relock current input source.
Auto Input Signal Search: automatically search and lock the input signal.

10、Centered lens design

Centered lens is designed for ceiling mount making the projector aligne with the center of the screen, which simplifies and stabilizes installation.

11、Mutiple lenses options for diferent venues

Push the button, rotate the lens and it is goes off directly from the projector, easy and swift for lens replacing.

12、Fine and closely woven dust-proof filter

The filter embedded at the side of the projector protects the inner optical system from the erosion of dust and ensures stable operation.

13、360° projection for multi-media scenarios

LX8000 is able to project 360° vertically which is applied to muti-media scenarios.

14、Multiple connectivities

BNC*5：

BNC is suitable for long distance stable signal transmission, a perfect match with top survailance and acoustic devices.

Component：

Component terminals are designed for business occasions. Compatibility with YPbPr input and output makes home cinema and entertainment easily available.

RJ45：

Through the port, network operation and control is conveniently managed. A computer is able to control all the projectors within the LAN, only if the user enters the corresponding IP in IE address bar.

HDMI：

HDMI, the best choice for film display, can transimit audio and vedio signals without compression.

15、Prioritized LAN network control

Through the LAN management and control, the user can easily operate every one of or some of projectors in the

system formed by connecting two or more units together.

16、Anti-theft design for better security

6mm anti-theft lever prevents your projector from being stolen and keeps it safe and sound.

17、Motored vertical and horizontal lens shift

Motored lens and focus functionalities are incorporated in LX8000 series. Vertical and horizontal image shift can be easily carried out by motored lens instead of moving the projector manually.
Zoom in and out of the image can be easily carried out by remote control even if the projector is installed extemely high.
Motored zoom and focus for fine tune and remote control: even installed way out of reach, the projector is able to be operated for adjustments in distance.
Lens shift: vetical(+/=50%)and horizontal (+/=10% max) shifts make operation directly visible for installation on site.

18、Unlike traditional fixed cooling time, this newly developed technology embedded realizes the setting of cooling time arranging from 3 minutes to 1 minute according to the user's demands.

19、All operations can be carried out by remote control

By embedded multi-direction infra receiver, all operations can be carried out by remote control. You can easily control the screen only by the compact remote control.

20、Elegent white

Specifications:

Model	LX8100
Resolution	1024x768(XGA)
Display Technology	0.79inch 3LCD
Brightness	7000lm
Contrast Ratio	1500:1
Uniformity	90%
Lamp	USHIO 330W
Projector life	(Normal)4000H/(Eco)6000H

Lamp Replacement Method	顶部换灯 Top drawer replacement
Dimension	535mmX390mmX190mm
DB Rating	S1（白色） (White)
Model	<38dB@27℃
Projection Method	前投,背投,吊顶 Front, Rear, Ceiling mount
Cabinet Color	银色 Silver
Input	HDMI, D-SUB15, BNCx5, S-Video, Component, CVBS
Output	D-SUB15, Mini Jack
Control port	RJ45*1/RS232C
Computor Compatibility	VGA, SVGA, XGA, SXGA,WXGA,UXGA
Video Compatibility	Auto/PAL/SECAM/NTSC/NTSC4.43/PAL-M/PAL-N
Aspect Ratio	4:3 / 16:9(Standard)
Lens	F：1.7 -2.2,1.6倍光学变焦 F=1.6,f=22-35mm,1/4~16数码变焦功能1/4~16 digital focus
Digital Keystone Correction	±30°
Throw	60"@1.58M

Ratio	
Projection Distance	0.8M~17.3M
Image Size	30“~400”
H Scanning Frequency	15-100 KHz
V Scanning Frequency	48-100 Hz
Power Consumption	490W/ 1W Standby
Power Supply	100V – 240V @ 50-60Hz
speaker	7W
Operating Temperature	5℃-40℃(41℉-104℉)
Storage Temperature	-10℃-60℃ (14℉-140℉)
Net Weight	10.8kg
Gross Weight	13.4kg
OSD Language	17Languages

Other functions	360°投影/一键更换镜头/快速开关机/自定义开机画面/双重密码锁定及双重防盗功能/Lamp 及滤网计时/自动同步/自动搜索信号/一键空白/局部缩小,放大,平移/自动关机/画面捕捉 360°projection, One button for lens replacement, Speed turn on/off, Customized startup screen, Double password and anti-theft protection, Lamp and filter counters, Auto sychronization, Auto signal search, One key for blank screen, Partial zoom in/out and horizontal shift, Auto turn off, Screen capture
Accessories (Standard)	User Manual (CD),ACPower Supply Cord,Remote Control,Batteries,VGA CABLE,Lens Cap,Lens Cap,Warranty card

Accessories：

User Manual /Strap for Lens cap/Power Supply Cord/Remote Control/Batteries/VGA CABLE/Warranty Card/Certificate of Inspection/Drying AgentLens Cap/Lens Cap